

Brian Head Field Ecology

Dates: June 25-29

Location: Brian Head Field Ecology

Credit: USOE or SUU

Instructor: Kate Grandison

Instructor Contact Information: grandison@suu.edu (435)865-8345

Registration Fee and Deposit: \$275 registration fee; \$ 45 deposit payable to Southern Utah University

Send registration form and deposit to:

Kate Grandison

Biology Department

Southern Utah University, Cedar City, UT 84720

Registration Contact Information:

Kate Grandison

Biology Department

Southern Utah University, Cedar City, UT 84720

grandison@suu.edu

435.865.8345

Course Description:

This course has a target audience of secondary teachers meeting the Ecology requirement for the Biological Science, Integrated Science and Environmental Science endorsements, but includes the content for 3rd thru 5th grade teachers, as well. In addition to Utah Science Core curriculum. To provide opportunities for knowledge acquisition and generalization, this course emphasizes science process skill development at every stage. Participants work individually and in groups to learn new content by collecting and analyzing data – actually performing experiments and communicating the results. After the field experience, participants return to their schools with the assignment to apply the methods/model learned through Brian Head field ecology in their own classroom.

Feel the crisp mountain air of Brian Head, as you leave the warmth of your lodge to see incredible vistas in every direction. What gifts will your morning surveys reveal? The flute-like song of a hermit thrush? Brilliant colors of a western tanager? A tiny shrew? Or maybe the soft gray of the exotic flying squirrel? Professional biologists will guide your wildlife observations, as you work together to gather important data in these pristine spruce-fir-aspen forests. Experienced teachers will help you translate your experiences for the classroom.

Time for your own explorations might mean back to the lodge for hot showers, lunch, then hiking, mountain biking or just viewing the red rock cliffs of Cedar Breaks, the green trails in the forests and the incredible black lava fields across Cedar Mountain. Decisions, decisions...and later on there's an evening interpretive program, a nocturnal hike or time for reflection.

Each day concludes back at the lodge, enjoying great meals and camaraderie with other teachers and biologists - sharing treasures of the day, renewing your excitement for teaching and learning science.

What else will you take home? As a teacher-researcher you will learn survey techniques using state-of-the-art technology, such as determining location with global positioning units or identifying bat echolocations with computer bat detectors, and have access to these for use in your classroom. You will also learn to write field notes, analyze data, and prepare a final report, all important research skills to share with your students. Most importantly you will build confidence, connections, and a plan to develop partnerships with other teachers and biologists to design schoolyard research projects and involve your students in science. If you need or want further information check it out on the website just click the Brian Head Field Ecology link: <http://suu.edu/sci/biology>



2007 Science Professional Development Registration Form

(Duplicate as Necessary)

Mail to:

Workshop Contact:

Sessions fill on a first-come basis. Register early to secure your place.

Workshop Title	Date	Location	Registration Fee
			\$ 275.00

Contact Information:

Teacher: _____
District: _____
School: _____
Grade Level/Subject: _____
Home Address: _____

City: _____ Zip: _____
Home phone: _____
School phone: _____
CACTUS # : _____
E-mail: _____

Commitment to Attend & District Approval:

I understand that I am committing to this workshop and I will cancel at least two weeks prior to the workshop if I am unable to attend.

Teacher Signature: _____

Signature of Principal or District Representative indicates source of registration payment for workshop:

☐ **PERSONAL** Check # _____ enclosed **OR**

☐ **SCHOOL** _____ **OR**
Principal

☐ **DISTRICT** _____
District Representative

**Please contact your school or district to determine if approval is needed prior to registration.*

☐ Bill to This Address

Return this completed registration form and your refundable deposit check to the workshop contact listed above.

A separate registration form must be submitted for each workshop you plan to attend.